RAW SEQUENCE LISTING

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RAW SEQUENCE LISTING DATE: 07/05/2006
PATENT APPLICATION: US/10/541,834 TIME: 14:17:06

Input Set: A:\11899.0237.PCUS00.ST25.txt
Output Set: N:\CRP4\07052006\J541834.raw

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3 <110> APPLICANT: Beazley, Kim A.
            Ferreira, Ken L.
      5
             Fitzpatrick, Sharie
      6
             McCaslin, Mark H.
             Reyes, Carlos C.
     9 <120> TITLE OF INVENTION: Glyphosate Tolerant Alfalfa Events and Methods for Detection
     10
             Thereof
     12 <130> FILE REFERENCE: 11899.0237.PCUS00
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/541,834
C--> 14 <141> CURRENT FILING DATE: 2005-07-12
     14 <150> PRIOR APPLICATION NUMBER: PCT/US2004/000812
     15 <151> PRIOR FILING DATE: 2004-01-14
     17 <160> NUMBER OF SEQ ID NOS: 14
     19 <170> SOFTWARE: PatentIn version 3.3
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    23 <212> TYPE: DNA
    24 <213> ORGANISM: Artificial Sequence
    26 <220> FEATURE:
    27 <223> OTHER INFORMATION: chimeric DNA of alfalfa genomic DNA and transgene insert DNA
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     48 <213> ORGANISM: Artificial Sequence
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    56 cacatgatac tgtcggtgtt tgtttaaaag attaaaaaac tatacccttt gaataattaa
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    58 attaaatcaa attttcatat taaattttta attttatagt aataatctaa ttttaataca
                                                                              180
    60 cttaggtgta aaaaaaattt aagcttcaaa gttttatatt gtcagcaaat cacaactaat
                                                                              240
    62 tgtgtgtacg gatacaaagt caaacatgat ttattgacgg tgtaaaaaat ctttacagtg
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     64 acaatgtata tggattaaat cgattttata ttagttattt tatgttatat cgtattcatg
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68 cgggaaacga caatctgatc cccatcaagc ttctgcaggt cctgctcgag tggaagctaa
                                                                       480
70 ttctcagtcc aaagcctcaa caaggtcagg gtacagagtc tccaaaccat tagccaaaag
                                                                       540
72 ctacaggaga tcaatgaaga atcttcaatc aaagtaaact actgttccag cacatgcatc
                                                                       600
74 atggtcagta agtttcagaa aaagacatcc accgaagact taaagttagt gggcatcttt
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76 gaaagtaatc ttgtcaac
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79 <210> SEQ ID NO: 4
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81 <212> TYPE: DNA
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
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92 ettgecaatt gattgacaac atgeateaat egacetgeag eeactegaag eggeegeeae
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94 tegagtggtg geegeatega tegtgaagtt teteatetaa geeceeattt ggaegtgaat
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96 gtagacacgt cgaaataaag atttccgaat tagaataatt tgtttattgc tttcgcctat
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98 aaatacgacg gatcgtatgc attaaatata tagaggaatt tcttatcttg ctaattccag
                                                                       360
100 catagttatt ttaatttgtc aaataattgt atgaatggta tattctacaa ctttctcatg
                                                                        420
480
104 aagagcaaca gtgctttgat ccatattaca aatgagggat ggtactattt tatggatgca
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106 gtgaaacttc tgaaaacata gttggtgtgg tgctgttgga g
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126 <220> FEATURE:
127 <223> OTHER INFORMATION: chimeric DNA of alfalfa genomic DNA and transgene insert DNA
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138 <220> FEATURE:
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144 tacattttgg acttgacttg acttcactat tcataatgag cttcatgcat atttggatgc
                                                                        120
146 ccatatcata tcaagtcatt attttatttt ccttttaacg attacccct cctactttt
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148 teettettig eegggacaag gteatecaaa etgaagtgtt eggtgggaaa egacaetetg	240
150 atececatea agettetgea ggteetgete gagtggaage taatteteag tecaaageet	300
152 caacaaggtc agggtacaga gtctccaaac cattagccaa aagctacagg agatcaatga	360
154 agaatettea ateaaagtaa aetaetgtte eageacatge ateatggtea gtaagtttea	420
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158 c	481
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174 cttgccaatt gattgacaac atgcatcaat cgacctgcag ccactcgaag cggccgccac	180
176 tcgagtggtg gccgcatcga tcgtgaagtt tctcatctaa gcccccattt ggacgtgaat	240
178 gtagacacgt cgaaataaag atttccgaat tagaataatt tgtttattgc tttcgcctat	300
180 aaatacgacg gatcgtaatt tgtcgtttta tcaaaatgta ctttcatttt ataataactt	360
182 ccatttitti tttcttttc ttttataata acagaaaaag aaaaagaaag atgatgaaaa	420
184 gagaaaagag aaaaccgaac catgataatt aacacaccac gtgcaattta ctttacttta	480
186 attttactac taccttattc tttcttcagc gtggtaaccg ttatactctt tattacacca	540
188 ctcaccacca	550
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192 <211> LENGTH: 27	
193 <212> TYPE: DNA	
194 <213> ORGANISM: Medicago sativa	
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201 <211> LENGTH: 25	
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203 <213> ORGANISM: Medicago sativa	
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209 <210> SEQ ID NO: 11	
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211 <212> TYPE: DNA	
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218 <210> SEQ ID NO: 12	
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224 ctccaacagc accaccaa ctat	24
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229 <212> TYPE: DNA

230 <213> ORGANISM: Medicago sativa

232 <400> SEQUENCE: 13

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237 <211> LENGTH: 26

238 <212> TYPE: DNA

239 <213> ORGANISM: Pisum sativum

241 <400> SEQUENCE: 14

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VERIFICATION SUMMARY

DATE: 07/05/2006

PATENT APPLICATION: US/10/541,834

TIME: 14:17:08

Input Set : A:\11899.0237.PCUS00.ST25.txt Output Set: N:\CRF4\07052006\J541834.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application No L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date